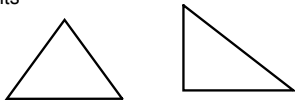


## 4.1 Classifying Triangles

A triangle is a figure formed by 3 segments joining 3 noncollinear points



An equilateral triangle has 3 congruent sides.



An isosceles triangle has at least 2 congruent sides.



A scalene triangle has 0 congruent sides.



An equiangular triangle has 3  $\cong$  angles



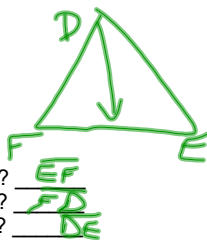
An acute triangle has 3 acute angles

A right triangle has 1 right angle

An obtuse triangle has 1 obtuse angle

A vertex of a triangle is a point that joins 2 sides of the triangle

Draw  $\triangle DEF$ .



What side is opposite vertex D?

EF

What side is opposite vertex E?

FD

What side is opposite vertex F?

DE

Answer the checkpoint questions on page 173.

Answer the checkpoint questions on page 174.

**Assignment: pgs. 175-178 #s 2-36, 48-53, 56-58**